IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Leonard Forbes et al.

Title:

TRANSISTOR WITH VARIABLE ELECTRON AFFINITY GATE AND METHODS OF

FABRICATION AND USE

Docket No.:

303.324US4

Filed:

October 18, 2000

Examiner:

Johannes P Mondt



Serial No.: 09/691,004

Due Date: July 17, 2004 (Saturday)

Group Art Unit: 2826

MS AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

 \underline{X} A return postcard.

- X An Amendment and Response under 37 CFR 1.116 (13 Pages).
- X A Communication Concerning Related Applications (3 pgs.).
- X A copy of X. Zhao et al. for the examiner's review (7pgs).

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

Atty: David R. Cochran

Reg. No. 46,632

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this <u>19th</u> day of July, 2004.

Name

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

EXPEDITED PROCEDURE - EXAMINING GROUP 2826

PATENT PATENT

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AMENDMENT & RESPONSE UNDER 37 C.F.R. 1.116

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In response to the Final Office Action mailed May 17, 2004, please amend the application as follows: